

Scaling Your Business in the Oracle Cloud

TOP 6 MINERAL MANUFACTURER IN THE U.S.

This global manufacturer for commercial silica and other industry minerals needed to modernize and scale their systems as they acquired new companies.

OPPORTUNITY

The manufacturer wanted to modernize their underperforming hardware platform to enable flexibility and scalability during frequent acquisitions:

- Needed quicker onboarding of newly acquired companies leveraging their existing on-premise systems
- Experienced frequent hardware failures that brought the system offline and didn't have the ability to scale system resources on demand
- Poor system performance for end-of-month financials, batch and online transactions
- Extended support for JDE 9.1 ending in March 2020
- Limited to transact in US Dollars only
- Required 24x7 uptime and Disaster Recovery environment
- Needed to migrate and upgrade existing on-prem applications without disruption in performance
- Cost of on-premise technology licensing was expected to double in order to expand the integration platform
- Current systems required upgrading of JDE Applications 9.1 to utilize new functionality and features of JDE 9.2

OUR APPROACH

BIAS designed and implemented a solution to migrate & upgrade their infrastructure and applications to Oracle Cloud to better support business needs:

- Performed cutover and validation of JDE production applications from on-premise to OCI in **less than 24 hours**
- Automated Cloud server provisioning using the **BIAS Digital platform**
- Implemented new features and functionality to optimize their business processes and enabled multi-currency for their global operations
- Facilitated continuous adoption of new JDE 9.2 new features
- Migrated and enabled real-time integration with external applications and trading partners (B2B) with Oracle Integration Cloud
- Implemented complete disaster recovery environment including database and applications as well as redundant networking
- Providing ongoing managed services for the OCI environment

RESULTS

The manufacturer gained a modern platform with significant improvement in business productivity and flexibility:

- Improved runtime by **10x** for over **90%** of month-end financial reports
- Reduced month end close processing times by **20%**
- Created ability to scale CPUs and other system resources on-demand during peak processing
- Realized a **10%** reduction in user response time for their JDE application
- Seamless integration with manufacturing plants resulted in over **90%** accuracy of shipment delivery
- Improved Lifecycle Management by automated patching and on-demand scaling of resources
- Enabled the production and cost-effective delivery of over **1,500** diversified products to customers across its end markets
- Saved over **\$750K** in software licensing and support by migrating integration to the Cloud

“Knowing that BIAS had the skillset made the decision to move to the cloud easier. I've been working with BIAS for quite a long time, and they made me feel a lot more comfortable.”

Director, IT Applications and Enterprise Architecture